

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
 Data File : BF077490.D
 Acq On : 27 Feb 2015 5:01
 Operator : TP/IZ
 Sample : G1385-12
 Misc : S
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-12-D910

Quant Time: Feb 27 07:39:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 27 07:02:57 2015
 Response via : Initial Calibration

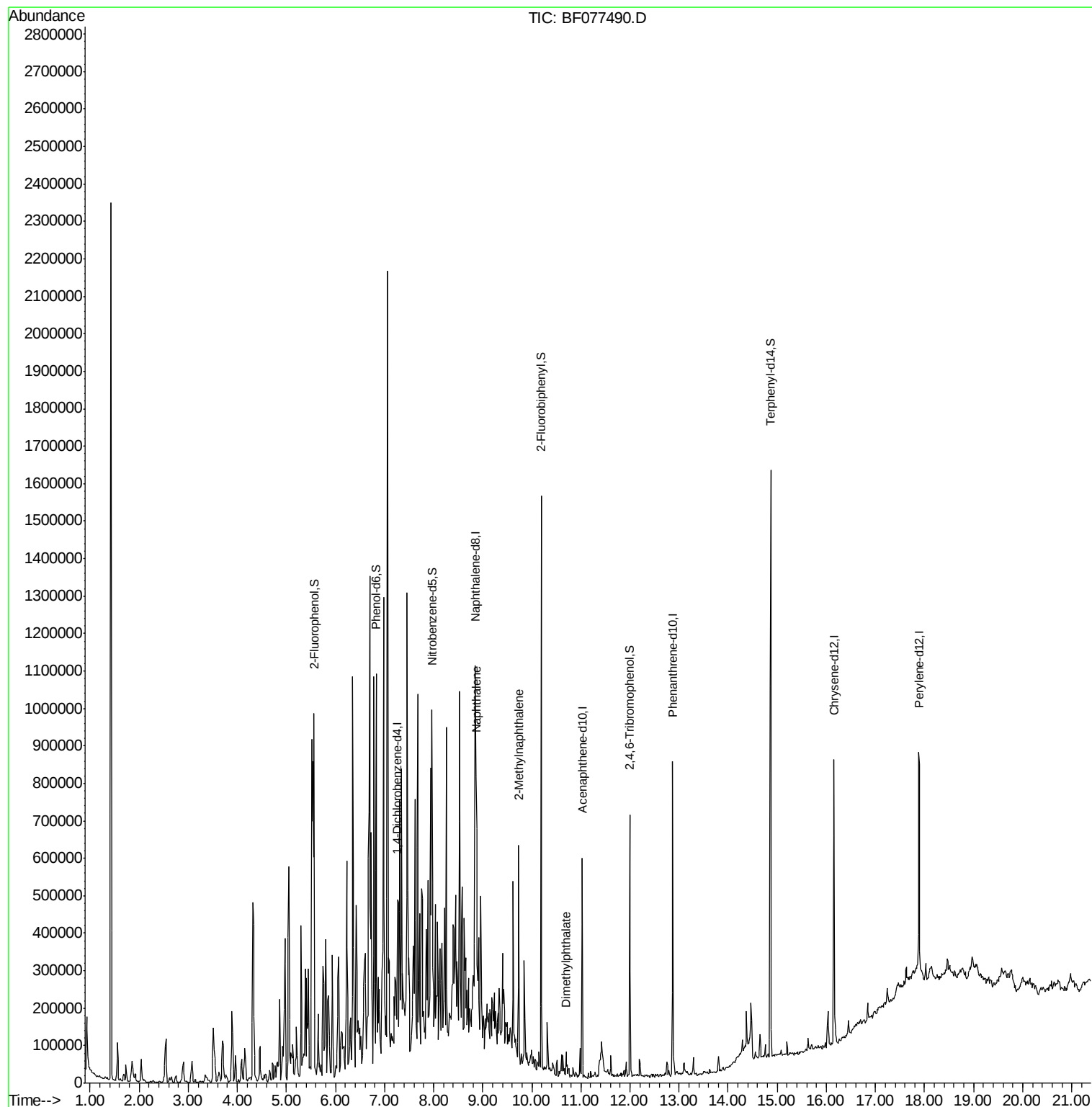
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	70324	20.00	ng	0.00
21) Naphthalene-d8	8.85	136	279439	20.00	ng	0.00
38) Acenaphthene-d10	11.02	164	151397	20.00	ng	0.00
63) Phenanthrene-d10	12.86	188	321799	20.00	ng	0.00
75) Chrysene-d12	16.15	240	359129	20.00	ng	0.00
86) Perylene-d12	17.89	264	329621	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	270271	64.16	ng	0.01
7) Phenol-d6	6.83	99	381191	70.38	ng	0.00
23) Nitrobenzene-d5	7.96	82	234158	52.11	ng	0.00
41) 2,4,6-Tribromophenol	12.00	330	89254	61.23	ng	0.00
44) 2-Fluorobiphenyl	10.19	172	458335	47.20	ng	0.00
78) Terphenyl-d14	14.86	244	653291	42.53	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.87	128	234338	16.77	ng	99
37) 2-Methylnaphthalene	9.73	142	159420	16.06	ng	99
49) Dimethylphthalate	10.70	163	23672	2.22	ng	99

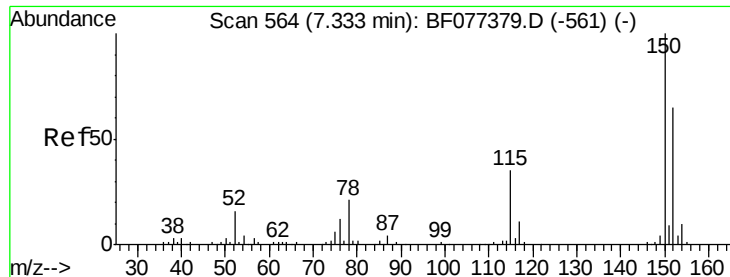
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF077490.D

Acq: 27 Feb 2015 5:01

Instrument :

BNA_F

ClientSampleId :

B-12-D910

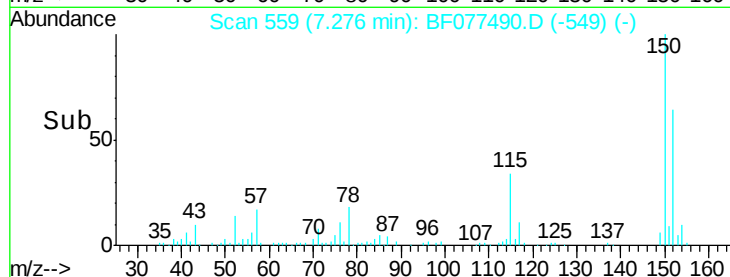
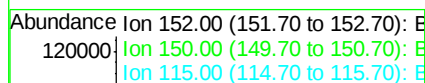
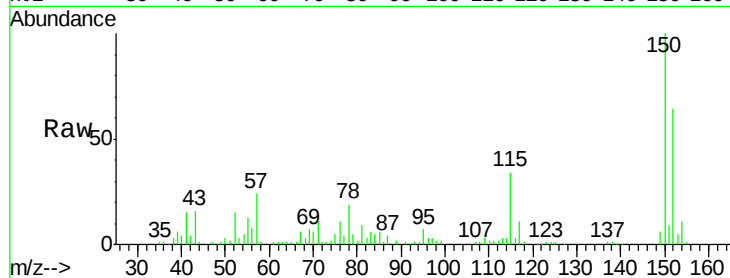
Tgt Ion:152 Resp: 70324

Ion Ratio Lower Upper

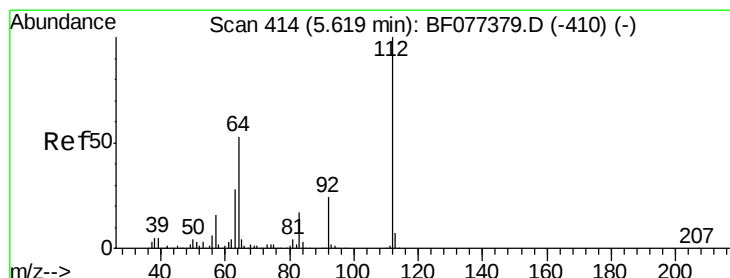
152 100

150 155.6 124.0 186.0

115 53.1 49.4 74.2



Time-->



#5

2-Fluorophenol

Concen: 64.16 ng

RT: 5.56 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF077490.D

Acq: 27 Feb 2015 5:01

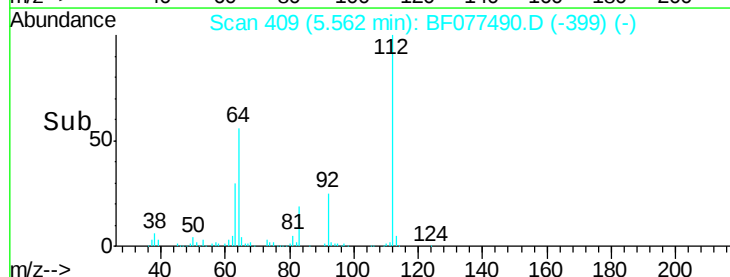
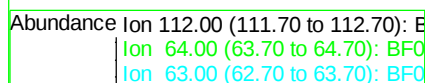
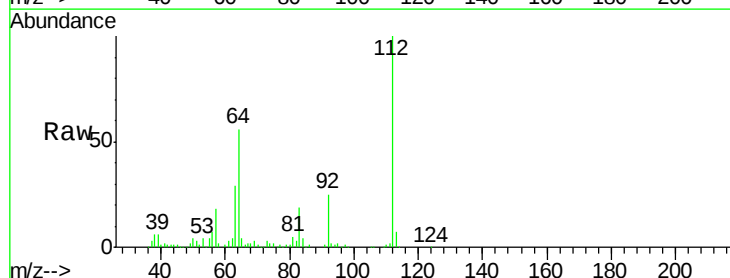
Tgt Ion:112 Resp: 270271

Ion Ratio Lower Upper

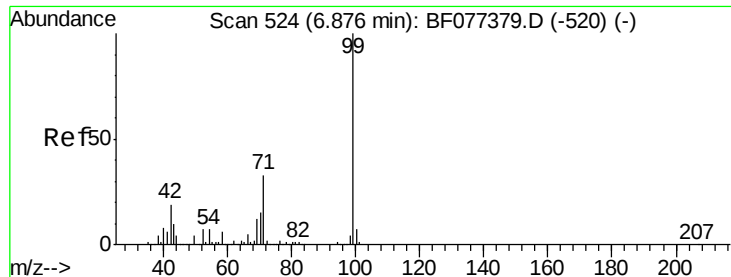
112 100

64 55.7 48.5 72.7

63 29.3 25.0 37.4



Time-->



#7

Phenol-d6

Concen: 70.38 ng

RT: 6.83 min Scan# 520

Delta R.T. 0.01 min

Lab File: BF077490.D

Acq: 27 Feb 2015 5:01

Instrument :

BNA_F

ClientSampleId :

B-12-D910

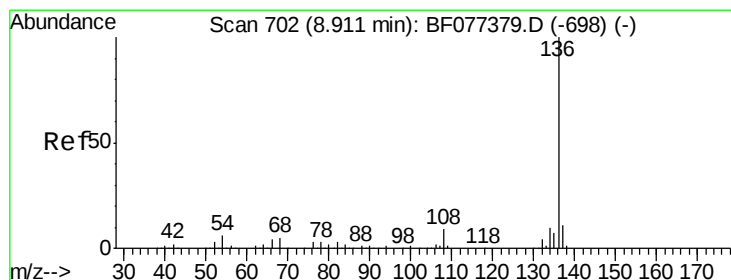
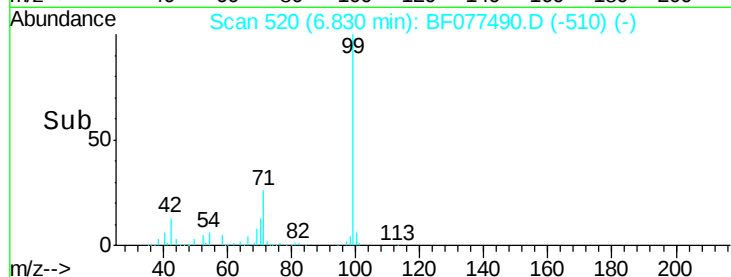
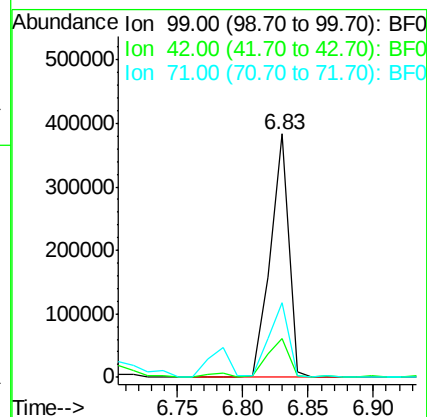
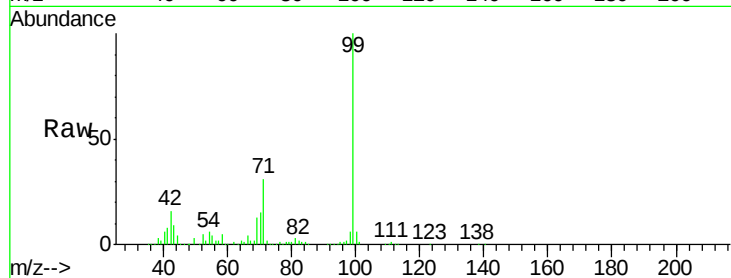
Tgt Ion: 99 Resp: 381191

Ion Ratio Lower Upper

99 100

42 15.8 16.2 24.4#

71 30.9 26.7 40.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.85 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF077490.D

Acq: 27 Feb 2015 5:01

Tgt Ion: 136 Resp: 279439

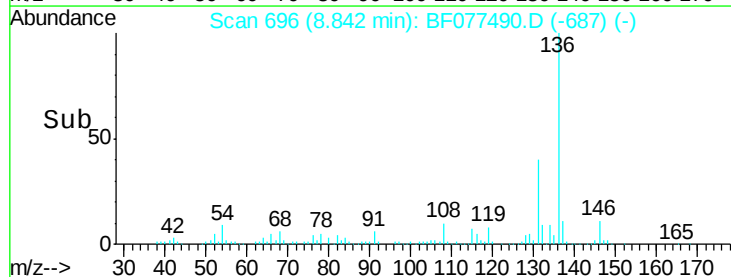
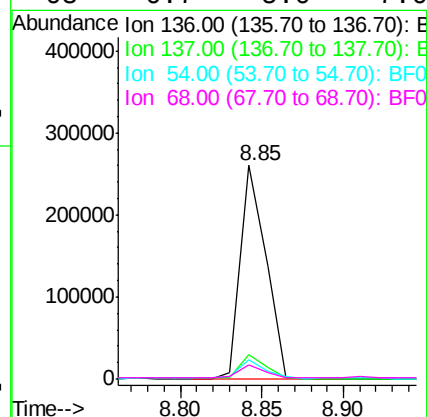
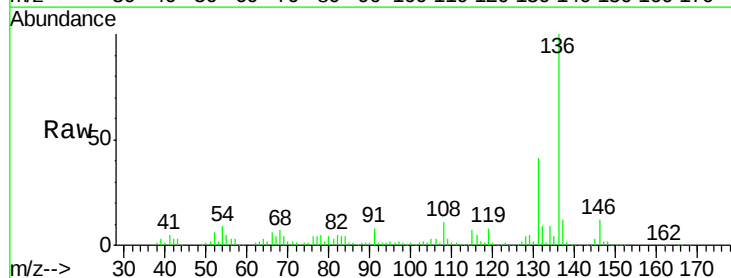
Ion Ratio Lower Upper

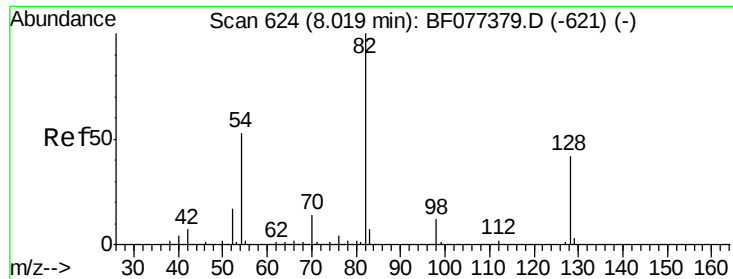
136 100

137 11.6 8.6 13.0

54 9.1 6.2 9.4

68 6.7 5.0 7.6

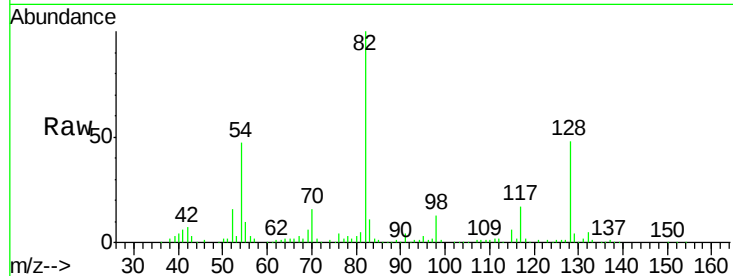




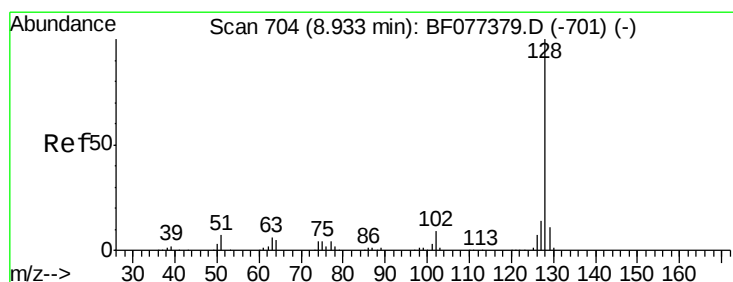
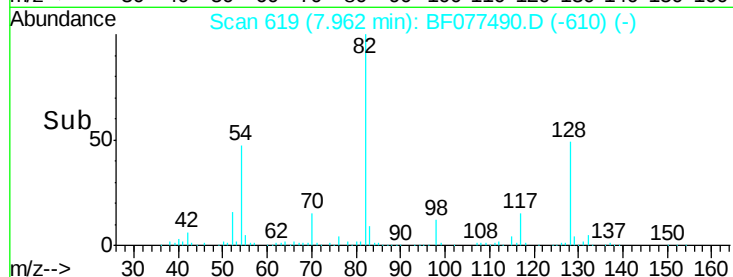
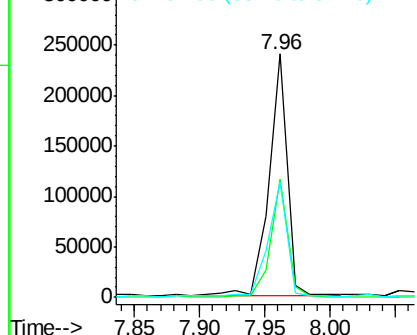
#23
Nitrobenzene-d5
Concen: 52.11 ng
RT: 7.96 min Scan# 619
Delta R.T. -0.00 min
Lab File: BF077490.D
Acq: 27 Feb 2015 5:01

Instrument :
BNA_F
ClientSampleId :
B-12-D910

Tgt Ion: 82 Resp: 234158
Ion Ratio Lower Upper
82 100
128 48.5 43.8 65.8
54 47.5 36.7 55.1

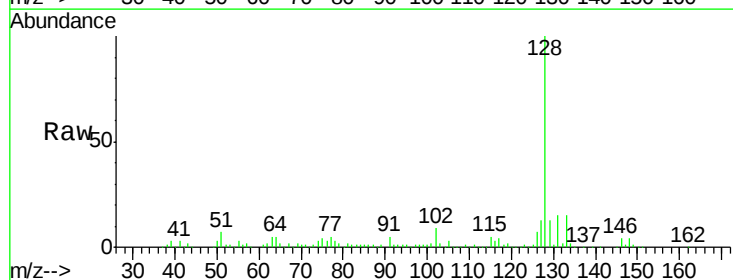


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

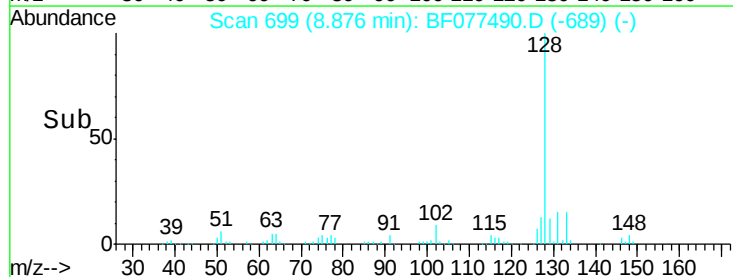
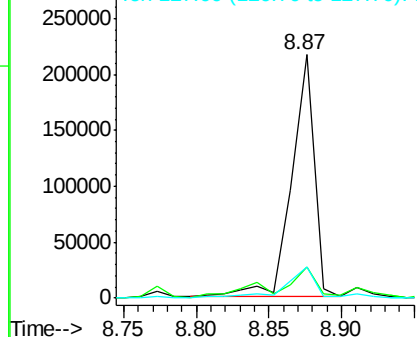


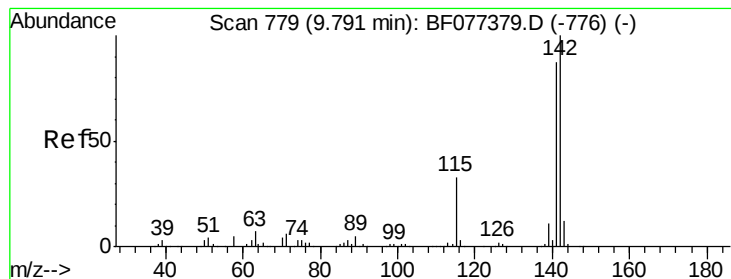
#31
Naphthalene
Concen: 16.77 ng
RT: 8.87 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF077490.D
Acq: 27 Feb 2015 5:01

Tgt Ion: 128 Resp: 234338
Ion Ratio Lower Upper
128 100
129 12.7 9.4 14.0
127 13.0 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 16.06 ng

RT: 9.73 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF077490.D

Acq: 27 Feb 2015 5:01

Instrument :

BNA_F

ClientSampleId :

B-12-D910

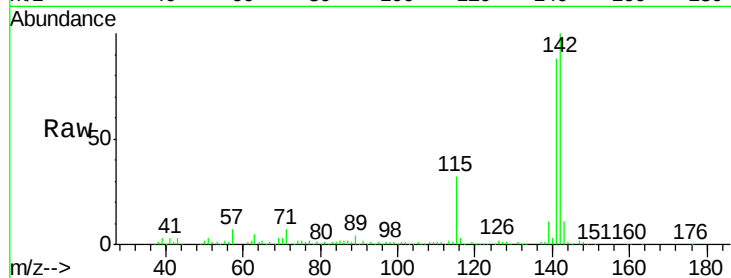
Tgt Ion:142 Resp: 159420

Ion Ratio Lower Upper

142 100

141 88.0 70.7 106.1

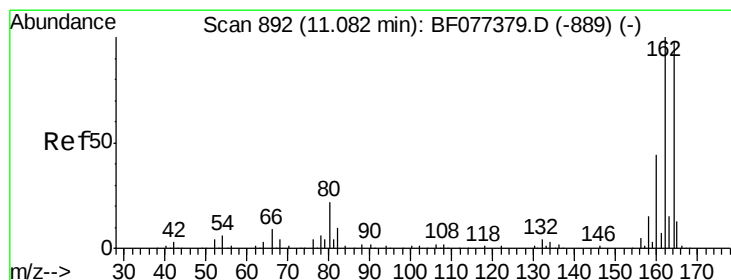
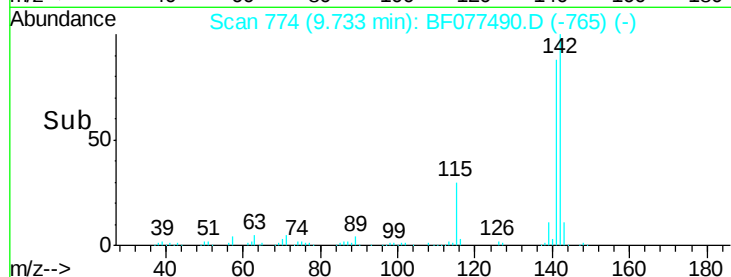
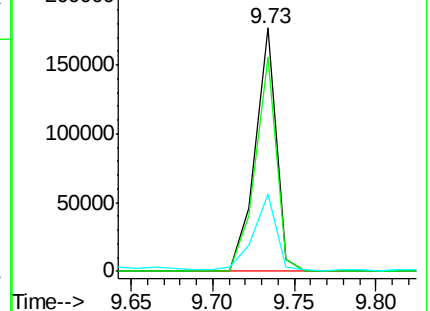
115 31.5 24.2 36.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.02 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF077490.D

Acq: 27 Feb 2015 5:01

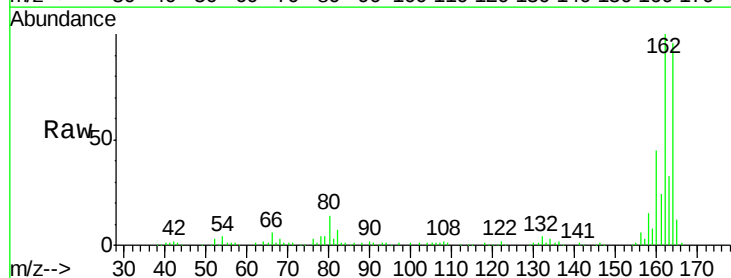
Tgt Ion:164 Resp: 151397

Ion Ratio Lower Upper

164 100

162 104.4 83.2 124.8

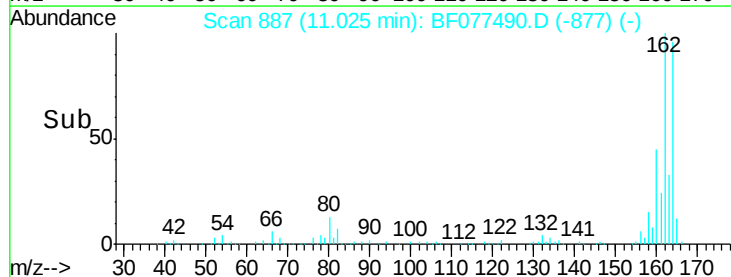
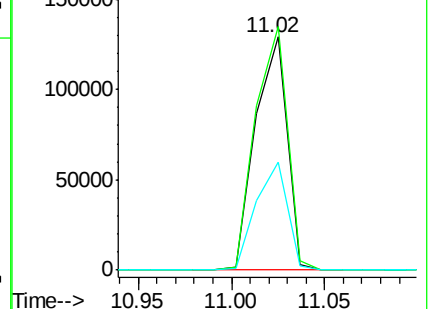
160 46.5 34.6 52.0

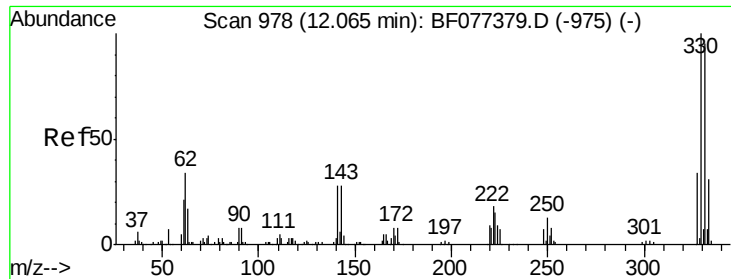


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

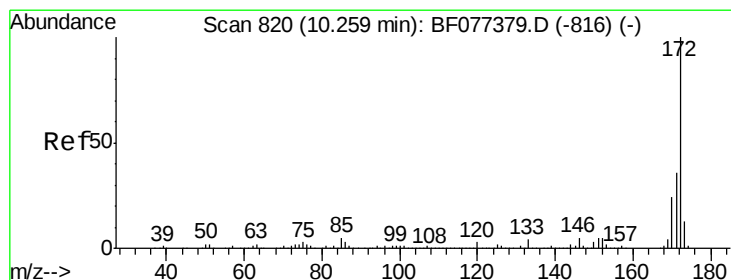
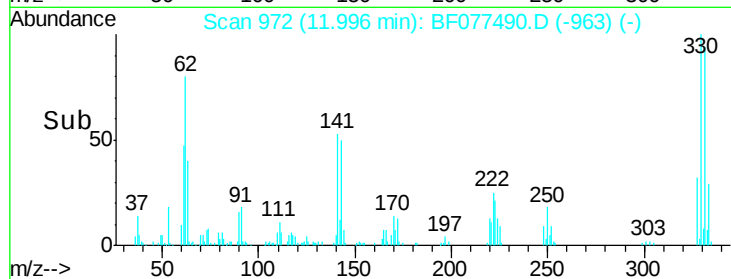
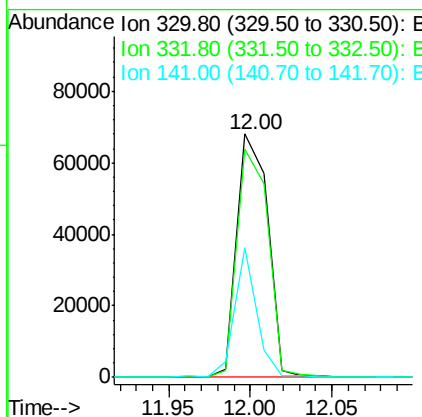
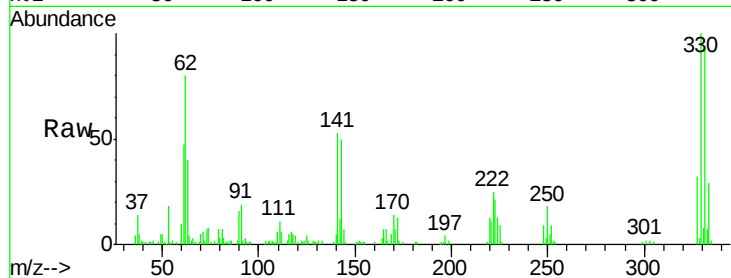




#41
 2,4,6-Tribromophenol
 Concen: 61.23 ng
 RT: 12.00 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: BF077490.D
 Acq: 27 Feb 2015 5:01

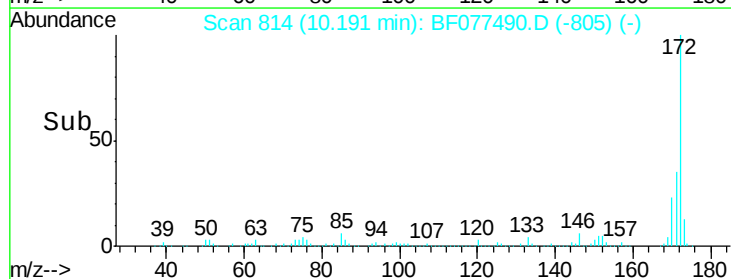
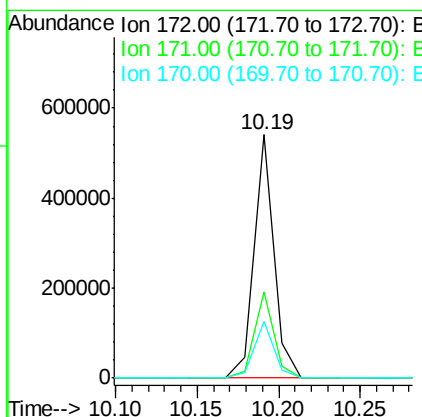
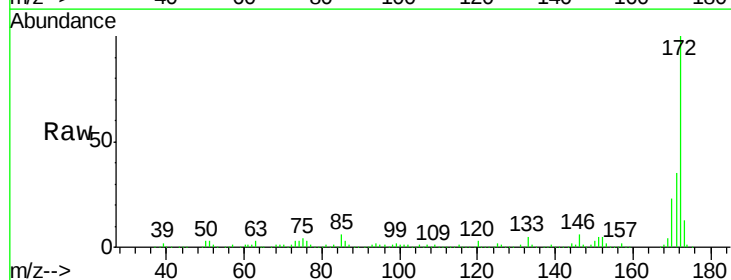
Instrument :
 BNA_F
 ClientSampleId :
 B-12-D910

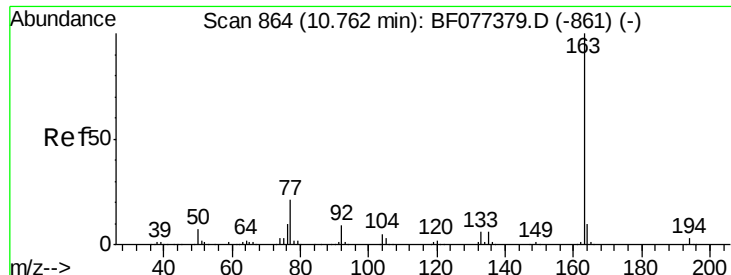
Tgt Ion:330 Resp: 89254
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.4 116.2
 141 38.2 28.8 43.2



#44
 2-Fluorobiphenyl
 Concen: 47.20 ng
 RT: 10.19 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF077490.D
 Acq: 27 Feb 2015 5:01

Tgt Ion:172 Resp: 458335
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.9 43.3
 170 23.4 19.4 29.2





#49

Dimethylphthalate

Concen: 2.22 ng

RT: 10.70 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF077490.D

Acq: 27 Feb 2015 5:01

Instrument :

BNA_F

ClientSampleId :

B-12-D910

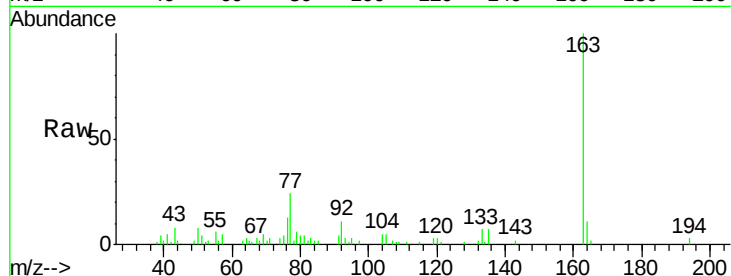
Tgt Ion:163 Resp: 23672

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

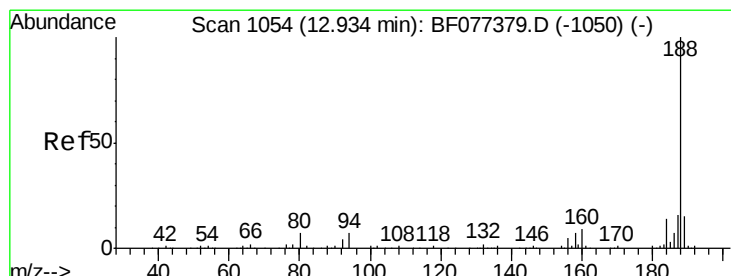
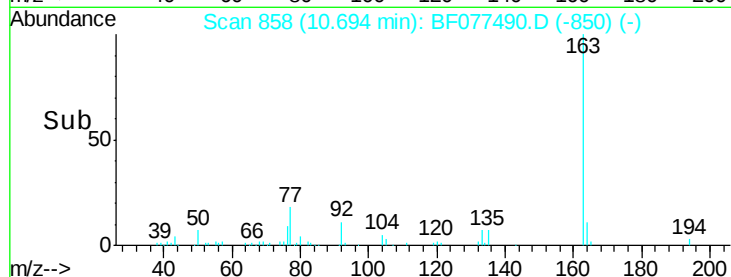
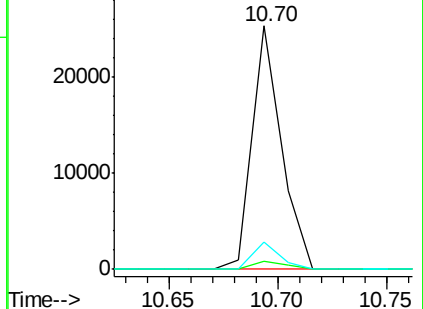
164 11.1 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.86 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF077490.D

Acq: 27 Feb 2015 5:01

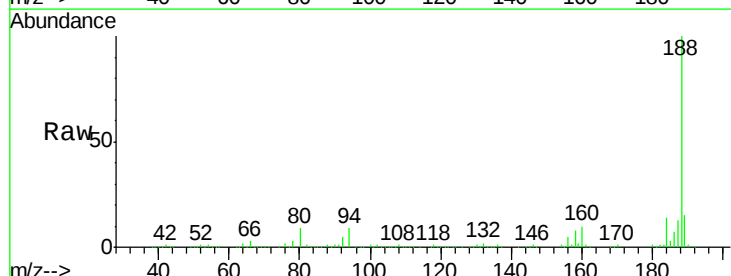
Tgt Ion:188 Resp: 321799

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

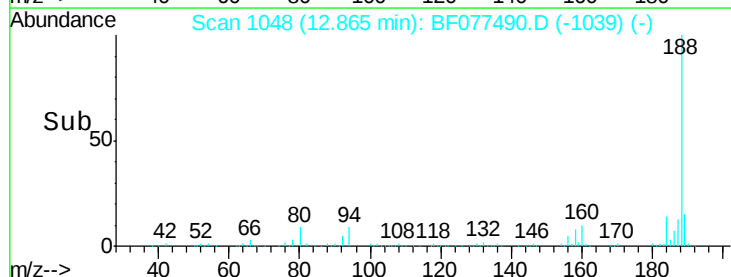
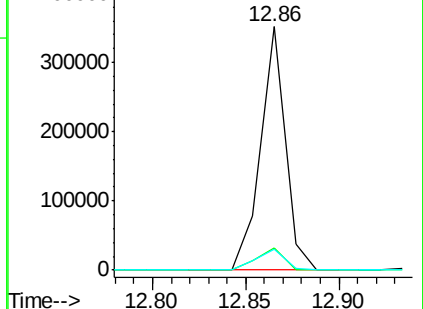
80 8.6 8.0 12.0

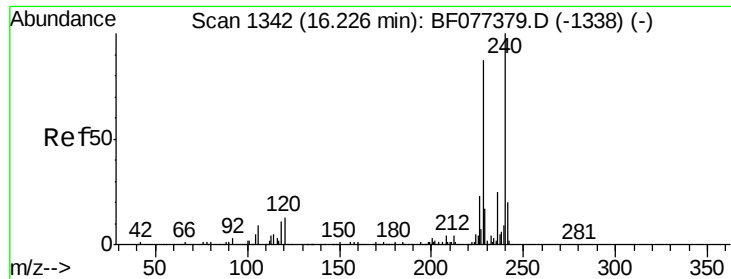


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.15 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF077490.D

Acq: 27 Feb 2015 5:01

Instrument :

BNA_F

ClientSampleId :

B-12-D910

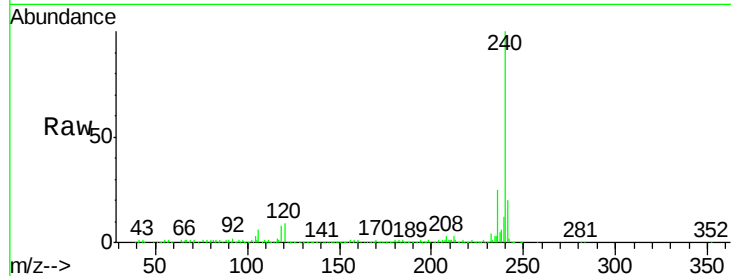
Tgt Ion:240 Resp: 359129

Ion Ratio Lower Upper

240 100

120 8.8 8.8 13.2

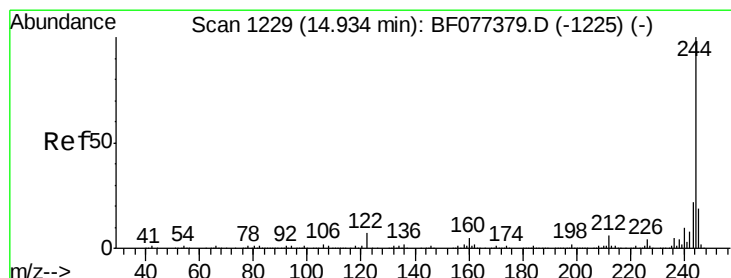
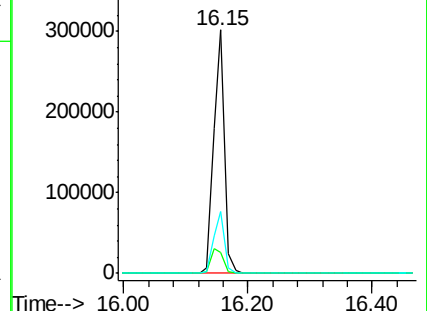
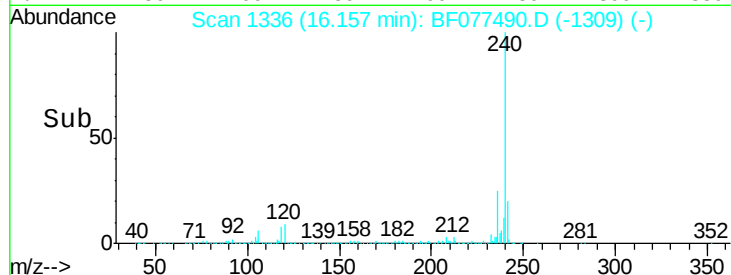
236 25.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 42.53 ng

RT: 14.86 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BF077490.D

Acq: 27 Feb 2015 5:01

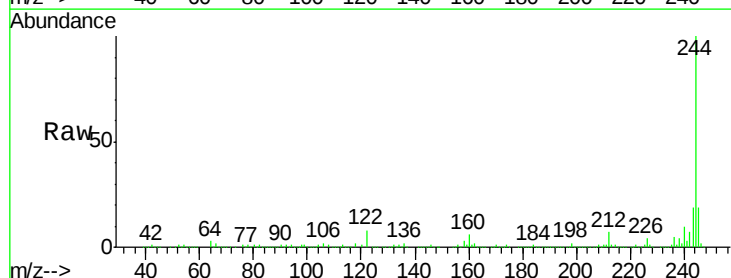
Tgt Ion:244 Resp: 653291

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

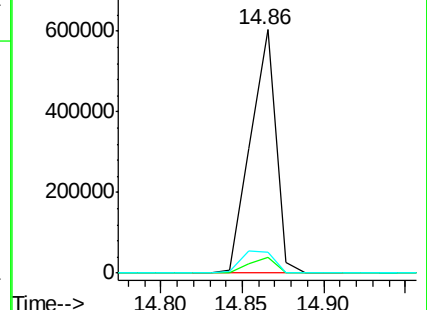
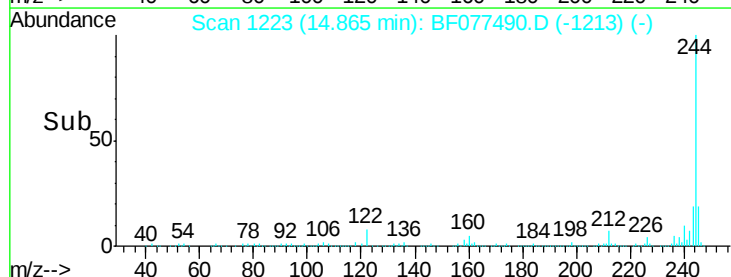
122 8.3 7.8 11.8

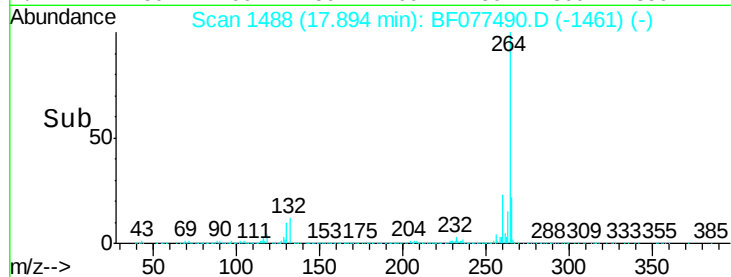
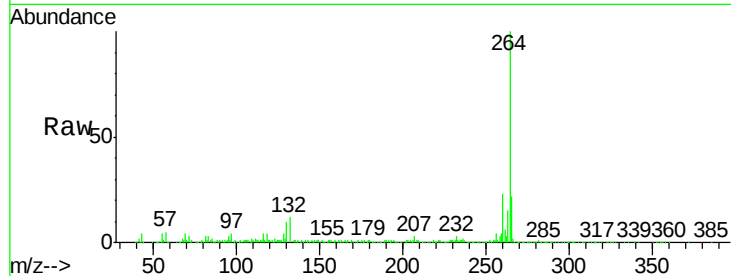
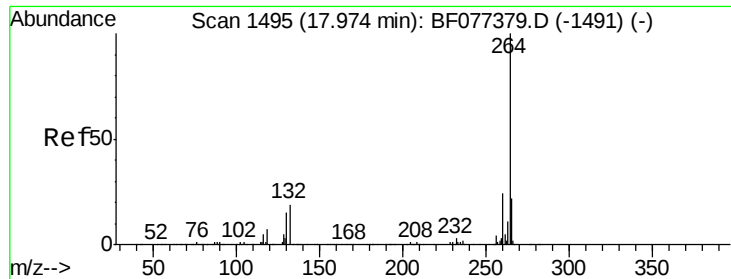


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.89 min Scan# 1488

Delta R.T. 0.01 min

Lab File: BF077490.D

Acq: 27 Feb 2015 5:01

Instrument :

BNA_F

ClientSampleId :

B-12-D910

Tgt Ion: 264 Resp: 329621

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 21.8 16.8 25.2

